



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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NEW MEXICO, Southeast

NMZ028-033>034

Eddy County Plains - Central Lea County - Southern Lea County

01	1945MST 2020MST				0	0	15K	0	Dust Storm
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A large and intense haboob swept south across the plains of Eddy and Lea Counties in southeast New Mexico during the early evening of the 1st. The haboob was associated with outflow from distant thunderstorms. It was accompanied by damaging winds in Eddy County (74 MPH measured Gust at Artesia) and severely reduced visibilities in both Lea and Eddy Counties. This photo was taken ten miles west of Artesia (northern Eddy County) on Highway 82. The view is to the north-northwest at 19:40 MST. Photo courtesy Darby Posey, Sun Country Volunteer Fire Department.

Thunderstorm activity well to the northeast of the Eddy and Lea County plains ended a strong mesohigh and associated outflow winds which evolved into a classic haboob wind and dust storm. The haboob swept south and southeast across most of those counties, and resulted in minor damage. Radar and surface observations indicate the outflow originated as a complex of weak and disorganized storms moved across the area northeast of Roswell, some 50 miles away from northern Eddy County. The Artesia AWOS measured a wind gust of 74 MPH. Real-time reports, along with subsequent photographs provided by the county emergency manager, indicated a large wall of dust associated with the leading edge of the damaging winds. Power poles were blown down as the winds swept across the west side of Carlsbad, at least 60 to 70 miles south of the parent thunderstorms. The haboob significantly reduced local visibilities across both Eddy and Lea Counties, with severe wind gusts limited to Eddy County. As the near surface cold pool spread south, mid level echoes were observed on radar developing just north of the boundary. This very shallow and weak convection (generally 20 to 25 dBZ at 15,000-17,000 feet AGL with no reflectivity echoes above 25,000 ft, and no lightning) possibly contributed to the longevity and intensity of the haboob through evaporation and sublimation of light precipitation aloft

Lea County
10 E Tatum

03	1650MST				0	0	0	0	Thunderstorm Wind (EG52)
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A severe thunderstorm resulted in wind gusts to 60 MPH along Highway 380 east of Tatum.

Eddy County
5 S Carlsbad to
Carlsbad

05	1832MST 1845MST				0	0	3K	0	Thunderstorm Wind (MG50)
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Several reports of blown down trees and power lines were received from the city of Carlsbad. One tree was a forty feet tall pine tree which was twenty inches in diameter. A 58 MPH severe thunderstorm wind gust was recorded at the Carlsbad Airport.



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<u>NEW MEXICO, Southeast</u>									
Eddy County									
Carlsbad	05	1834MST			0	0	0	0	Hail(0.75)
Lea County									
5 S Tatum	05	1900MST			0	0	0	0	Hail(0.75)
The public reported a large amount of penny size hail falling near Tatum. Reports indicated the hail killed birds, which then fell out of trees onto the ground.									
Lea County									
2 W Lovington	05	2000MST			0	0	0	0	Thunderstorm Wind (MG65)
A severe thunderstorm wind gust of 75 MPH was recorded at the Lovington Airport. No significant damage was reported.									
Lea County									
Hobbs	05	2015MST			0	0	5K	0	Thunderstorm Wind (EG57)
A trained weather spotter reported severe thunderstorm winds which resulted in downed power lines in the city of Hobbs.									
Severe thunderstorms affected parts of southeast New Mexico during the evening of the 5th. Large hail and damaging thunderstorm winds were reported.									
Eddy County									
3 S Hope to 2 S Hope	09	1715MST 1720MST			0	0	0	0	Hail(1.00)
Eddy County									
4 S Artesia to 4.5 S Artesia	09	1800MST			0	0	10K	0	Thunderstorm Wind (EG57)
Severe thunderstorm winds snapped several power poles in half along Highway 285.									
Eddy County									
Loving	09	1800MST			0	0	5K	0	Thunderstorm Wind (EG61)
Local authorities reported power lines blown down by severe thunderstorm gusts									
Lea County									
Hobbs	09	1905MST			0	0	0	0	Thunderstorm Wind (EG57)
Severe thunderstorm wind gusts were reported in Hobbs.									
Thunderstorms moving east into the plains from the New Mexico mountains became severe across parts of Eddy and Lea Counties during the evening of the 9th. These storms resulted in large hail and damaging winds which blew down power lines and poles.									
Lea County									
Monument	13	1930MST			0	0	0	0	Hail(1.75)
Widespread severe thunderstorms across West Texas during the afternoon and early evening of the 13th resulted in an outflow boundary which moved across parts of the southeast New Mexico plains. Linear strong to severe thunderstorms developed along the boundary by mid evening. One of the stronger storms in the line resulted in large hail near Monument.									
Eddy County									
25 E Carlsbad	14	1820MST			0	0	0	0	Hail(1.50)
An isolated low precipitation supercell propagated south to southwest across the plains of Eddy County, mostly across rural areas. The storm affected the U.S. Department of Energy WIPP site east of Carlsbad, where it produced ping pong ball size hail									
Eddy County									
6 NW Carlsbad	20	1451CST			0	0	0	0	Hail(1.75)
Golfball size hail was reported at Brantley Lake.									
Lea County									
2 SE Buckeye	20	1705MST			0	0	0	0	Hail(1.00)



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					Killed	Injured	Property	Crops	

NEW MEXICO, Southeast

1725MST

Intermittent hail was reported falling along State Highway 238 near Buckeye for twenty minutes. The hail stones were nickel to quarter size.

Lea County
8 N Hobbs

20	1729MST				0	0	0	0	Thunderstorm Wind (EG52)
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Severe thunderstorms affected the southeast New Mexico plains producing large hail and damaging winds during the afternoon and evening of the 20th.

TEXAS, West

Pecos County
Ft Stockton

01	1430CST				0	0	0	0	Hail(0.75)
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Brewster County
13 S Alpine

01	1439CST				0	0	0	0	Hail(0.75)
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Reported by the U.S Border Patrol at the check point on Highway 118.

Brewster County
Alpine

01	1555CST 1615CST				0	0	0	0	Flash Flood
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A local radio station reported flash flooding which resulted in over a foot of water running across city streets in low water crossings.

Pecos County
3 E Imperial

01	1556CST				0	0	0	0	Thunderstorm Wind (EG51)
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Pecos County
12 SE Imperial

01	1610CST				0	0	0	0	Hail(1.75)
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Reported by a trained storm spotter on Highway 11.

Terrell County
Sanderson

01	1645CST				0	0	0	0	Hail(0.75)
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Gaines County
Seminole

01	1705CST				0	0	0	0	Hail(1.00)
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Dawson County
Patricia

01	1803CST				0	0	0	0	Thunderstorm Wind (EG52)
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Severe thunderstorm winds were accompanied by a wall of dust which reduced visibilities to near zero.

Martin County
4 W Tarzan

01	1825CST				0	0	0	0	Thunderstorm Wind (EG57)
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Martin County
**4 W Tarzan to
3 SW Tarzan**

01	1840CST 1848CST				0	0	0	0	Hail(1.75)
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Reported by a trained storm spotter at the intersection of Farm to Market Road 1212 and State Route 176, then south along 1212

Howard County
**5 S Big Spring to
Big Spring**

01	1922CST 1925CST				0	0	0	0	Hail(1.00)
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Multiple reports of nickel to quarter size hail were received

Martin County
Stanton

01	1928CST 1931CST				0	0	0	0	Hail(1.75)
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Martin County
Stanton

01	1933CST				0	0	10K	0	Thunderstorm Wind (EG61)
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Law enforcement officials reported power lines blown down by damaging thunderstorm winds.



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TEXAS, West

Scurry County

Snyder to 4 NE Dunn	01	1933CST 1941CST			0	0	0	0	Hail(1.75)
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Mitchell County

Cuthbert	01	1955CST			0	0	7K	0	Thunderstorm Wind (EG61)
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Severe thunderstorm winds damaged a barn, split a Chinaberry tree, and blew down power lines

A round of severe thunderstorms brought large hail, damaging winds, and flash flooding to parts of West Texas late on the 1st. Severe thunderstorms initially developed during the late afternoon hours along the mountainous areas. These storms moved east into the adjacent plains, and cold pool interactions generated additional storms near a retreating warm front across the Permian Basin. An isolated supercell thunderstorm tracked across Martin County, and affected the Tarzan and Stanton areas with golfball size hail and damaging winds. Very explosive development occurred during the evening hours along a line from Big Spring to Snyder. These storms also resulted in similar severe weather reports.

Brewster County

Marathon	03	1500CST			0	0	0	0	Thunderstorm Wind (EG52)
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Winkler County

17 NE Kermit	03	1551CST			0	0	0	0	Hail(0.75)
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Reported on State Route 115.

Crane County

16 NW Crane	03	1630CST			0	0	0	0	Thunderstorm Wind (EG52)
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Reported at intersection of Farm to Market Roads 1233 and 1053.

Ector County

Central Portion to Pleasant Farms	03	1639CST 1659CST			0	0	450K	0	Thunderstorm Wind (MG62)
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A large severe thunderstorm developed over central Ector County in the area between Odessa and Penwell. This storm resulted in numerous reports of destructive thunderstorm winds with blowing large hail. A wind gust of 71 MPH was measured near Penwell. Gusts likely exceeded this measurement in the Odessa and Pleasant Farms vicinities where more extensive damage occurred. A barn was destroyed in Pleasant Farms, and a tractor trailer was overturned on Highway 302 west of Odessa. The most extensive damage occurred in the city of Odessa. Large trees two and half feet in diameter were uprooted. Power lines and poles were blown down. In addition, several roofs were blown off of weakly constructed structures on the southwest side of the city. An apartment complex sustained significant roof damage from the thunderstorm winds, leaving 60 families without shelter. Many city residents were without electricity until the afternoon of the 5th.

Ector County

Penwell to Pleasant Farms	03	1646CST 1647CST			0	0	0	0	Hail(1.75)
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Several reports of large hail to the size of golfballs was reported from Penwell to Pleasant Farms.

Ector County

Odessa	03	1655CST			0	0	0	0	Hail(0.75)
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Ector County

Odessa	03	1659CST 1930CST			0	0	0	0	Flash Flood
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Spotters reported flash flooding in the city of Odessa. Numerous city streets were impassable.

Midland County

(Maf) Midland Intl to	03	1705CST			0	0	105K	0	Thunderstorm Wind (MG51)
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TEXAS, West

8 S Midland

1720CST

Severe thunderstorm outflow winds from the Ector County storm affected the western portions of Midland County. A severe wind gust was measured by the Midland International Airport ASOS. It is likely winds were stronger south and west of the city where twenty six power poles were snapped in half by the thunderstorm winds along Farm to Market 1788, resulting in that highway's temporary closing.

Crane County

19 WNW Crane

03 1725CST

0

0

0

0

Hail(0.75)

Reported at the intersection of Farm to Market Roads 1053 and 1233.

Borden County

2 SE Gail

03 1740CST
1755CST

0

0

0

0

Thunderstorm Wind (MG56)

Measured by the West Texas Mesonet site near Gail. Indicated wind gust was the average gust over a fifteen minute period

Borden County

17 NE Gail

03 1741CST

0

0

0

0

Hail(1.00)

Borden County

17 NE Gail

03 1741CST
1810CST

0

0

0

0

Thunderstorm Wind (EG65)

Scurry County

Fluvanna

03 1745CST

0

0

0

0

Thunderstorm Wind (EG52)

Howard County

Forsan to Coahoma

03 1800CST
1840CST

0

0

0

0

Hail(1.75)

Numerous reports of penny to golfball hail were received from the cities of Forsan and Coahoma

Borden County

5 E Gail

03 1803CST

0

0

0

0

Thunderstorm Wind (EG52)

Borden County

15 E Gail

03 1815CST

0

0

0

0

Hail(1.75)

Borden County

15 E Gail

03 1815CST

0

0

0

0

Hail(1.75)

Reported on Highway 180 just west of the county line.

Howard County

2 E Forsan

03 1825CST

0

0

3K

0

Hail(2.75)

Baseball size hail was reported two miles east of Forsan. No significant damage was reported

Borden County

12 NE Gail

03 1830CST
2030CST

0

0

0

0

Flash Flood

The intersection of Farm to Market Roads 612 and 2350 was under high water due to flash flooding.

Scurry County

8 SW Snyder

03 1830CST
2030CST

0

0

0

0

Flash Flood

Flash flooding caused Farm to Market Road 1806 to be covered by high water.

Gaines County

5 S Seagraves

03 1835CST

0

0

0

0

Hail(1.00)

Pea to quarter size hail was reported on Highway 385.

Howard County

Coahoma

03 1836CST

0

0

0

0

Thunderstorm Wind (EG70)

Severe thunderstorm wind gusts were estimated by the Coahoma Fire Department. No reports of significant damage were received.



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TEXAS, West

Scurry County

Dermott	03	1845CST			0	0	0	0	Thunderstorm Wind (EG52)
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Howard County

East Portion	03 04	1850CST 0050CST			0	0	100K	0	Flash Flood
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A significant flash flood event affected the eastern part of Howard County. At least one vehicle was stalled in high water on the access road of Interstate 20 east of Big Spring. The occupants were rescued. Houses were flooded in both Forsan and Coahoma. Pavement on rural roadways was washed away. No injuries were reported.

TXZ061>062

Ector - Midland

	03	1850CST 2100CST			0	0			Dust Storm
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A visually spectacular, and widely photographed, haboob affected the West Texas Permian Basin on the evening of June 3, 2003. This was the second such feature to impact the region within forty-eight hours. The Permian Basin haboob originated as thunderstorm outflow surged southwest from a pair of supercell thunderstorms which moved out of the Texas South Plains, and evolved into a large convective complex over the northeast Permian Basin. Although wind speeds associated with the haboob were non-severe, visibilities were reduced to near zero.

This day's severe thunderstorm activity evolved into two organized multicell clusters by mid evening. A large outflow boundary moved southwest in the wake of a convective complex located over the northeast Permian Basin. This feature evolved into a classic haboob as it moved across the central Permian Basin. This was the second such event to occur across the region in forty-eight hours (A similar haboob affected the southeast New Mexico plains on June 1st). A visually spectacular and abrupt wall of dust accompanied the onset of the dust storm. Although visibilities were lowered to well under a quarter of a mile over a large area, associated wind speeds were maximized around 35 MPH. Radar and surface observations indicated the haboob affected a large portion of the Permian Basin, yet specific reports were amazingly limited. Our observations indicated that blowing dust significantly reduced visibility across the central Permian Basin for about two hours.

Mitchell County

Colorado City	03	1915CST			0	0	10K	0	Thunderstorm Wind (EG57)
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A semi-truck was damaged by severe thunderstorm winds.

Mitchell County

West Portion	03	2156CST			0	0	0	0	Flash Flood
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TEXAS, West

2300CST

Flash flooding resulted in flood waters running over many roadways in western Mitchell County including Highway 163 and Farm to Market Roads 1229 and 1808.

Severe thunderstorms were numerous across parts of the Permian Basin during the evening of the 3rd, with less coverage over the Big Bend and Trans Pecos regions. This event began as a pair of supercell thunderstorms moved southeast from the Texas South Plains along a frontal boundary. These storms moved into the northeast Permian Basin, and resulted in large hail to the size of baseballs, damaging winds, and flash flooding. A second area of severe storm development occurred to the southwest, across the western Permian Basin. The most damaging severe weather of the event occurred as this activity moved into Ector County. This storm was responsible for significant wind damage across parts of Ector and Midland Counties which left 60 families homeless. By mid evening, the two organized convective complexes were generally exiting the eastern Permian Basin. The thunderstorm activity was followed by a very dramatic haboob which moved across a large part of the central Permian Basin.

Brewster County
2 SW Marathon

04 1925CST 0 0 0 0 Hail(0.75)

Gaines County
Seagraves to
Loop

04 2340CST
2345CST 0 0 0 0 Thunderstorm Wind (EG52)

Severe thunderstorm winds were reported from Seagraves to Loop.

Scurry County
5 NW Snyder

04 2355CST 0 0 0 0 Hail(1.00)

Scurry County
2 SW Knapp to
Snyder

05 0000CST
0010CST 0 0 7K 0 Thunderstorm Wind (EG57)

Damaging thunderstorm winds were reported in an area from near Knapp, to the city of Snyder. One power pole was blown down by the winds, along with several large trees with two feet diameter trunks.

Dawson County
Friendship

05 0015CST 0 0 0 0 Thunderstorm Wind (EG52)

Upton County
Rankin

05 0020CST 0 0 0 0 Thunderstorm Wind (EG52)

Mitchell County
Colorado City

05 0040CST 0 0 0 0 Thunderstorm Wind (EG52)

Martin County
Stanton

05 0053CST
0219CST 0 0 0 0 Thunderstorm Wind (EG52)

Howard County
Coahoma

05 0100CST 0 0 0 0 Hail(0.75)

Reagan County
Big Lake

05 0100CST
0105CST 0 0 0 0 Hail(0.75)

Reagan County
Big Lake

05 0100CST
0105CST 0 0 0 0 Thunderstorm Wind (EG52)

Scurry County
8 WNW Dermott

05 0100CST
0200CST 0 0 0 0 Flash Flood

Flash flooding resulted in high water covering the intersection of Farm to Market Roads 2126 and 612.



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TEXAS, West

Scurry County

Snyder to
3 E Snyder

05	0100CST 0105CST				0	0	60K	0	Thunderstorm Wind (MG52)
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A severe thunderstorm wind gust was measured by the West Texas Mesonet site near Snyder. Several warehouse-type structures received considerable damage.

Glasscock County

Lees

05	0115CST				0	0	0	0	Thunderstorm Wind (EG52)
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TXZ061

Ector

05	0118CST				0	0	3K	0	High Wind (EG57)
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Several reports of high and damaging winds were received from parts of Ector County, including in West Odessa where a barn was destroyed. This area was removed from the severe thunderstorm activity by approximately 35 miles, with the winds occurring in an area of more stratiform precipitation west of the main convective complex.

Midland County

Greenwood

05	0125CST				0	0	5K	0	Thunderstorm Wind (EG57)
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Law enforcement officials reported several power lines blown down by severe thunderstorm winds in Greenwood.

Howard County

14 N Big Spring to
5 E Big Spring

05	0130CST 0430CST				0	0	0	0	Flash Flood
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Local law enforcement officials reported flash flooding which resulted in high water running over many area roadways, including city streets in Big Spring, and Farm to Market Road 2230 north of the city. Over one foot of water covered Midway Road east of Big Spring.

Mitchell County

Colorado City

05	0130CST 0330CST				0	0	3K	0	Flash Flood
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Local officials reported flash flooding which resulted in high water in parts of Colorado City. One report indicated the water was "knee high" outside a partially flooded trailer home.

Severe weather affected parts of West Texas during the late evening of the 4th and the early morning hours of the 5th. Although an isolated severe storm produced large hail in the Big Bend region near Marathon, most of the activity was concentrated across the eastern half of the Permian Basin. Most of the reports received were the result of a large and organized MCS which evolved into a bow echo structure as it propagated across the area. Reports of severe winds were common, although damage was limited to mainly downed trees, power poles and lines. Reports of large hail and flash flooding were also received with this complex of storms

Jeff Davis County

10 W Ft Davis to
2 S Ft Davis

05	1445CST 1458CST				0	0	0	0	Hail(0.75)
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Brewster County

7 N Alpine to
6.8 NNE Alpine

05	1515CST 1525CST	0.2	50		0	0	0	0	Tornado (F0)
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TEXAS, West



This landspout tornado developed seven miles north of Alpine, Texas during the afternoon of June 5, 2003. The tornado persisted ten minutes as it drifted very slowly to the southeast in the rural country side of the Texas Big Bend. Photo courtesy of John Ryan-Alpine, Texas.

Several local authorities reported a tornado which developed north of the city of Alpine, and moved very slowly toward the southeast over the next ten minutes. Radar indicated a severe thunderstorm in the area, but no indication of supercellular characteristics. This evidence, combined with photographs taken by Alpine authorities, indicate the tornado was likely a landspout type tornado. No damage was reported.

Reeves County

4 N Orla

05	2020CST	0	0	0.10K	0	Thunderstorm Wind (EG52)
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Severe thunderstorm winds ripped a door from the hinges on a residential structure.

Gaines County

2 N Seminole

05	2125CST 2135CST	0	0	0	0	Thunderstorm Wind (MG53)
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Severe thunderstorm wind gusts were measured by the West Texas Mesonet site near Seminole.

Ward County

3 E Barstow

05	2130CST	0	0	5K	0	Lightning
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Lightning struck a 300 foot radio antenna, knocking an FM radio station off the air. Some of the station's equipment was destroyed

Dawson County

8 SE Lamesa

05	2230CST	0	0	0	0	Thunderstorm Wind (EG52)
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Martin County

6 NE Lenorah

05	2230CST	0	0	0	0	Thunderstorm Wind (EG57)
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Gaines County

Seminole

05 06	2258CST 0100CST	0	0	0	0	Flash Flood
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Law enforcement officials reported high water over several roadways in Seminole due to flash flooding. Highway 385 was reported to be under water as a result of the flooding.

Ector County

1 E Penwell to
Pleasant Farms

05	2307CST 2335CST	0	0	105K	0	Thunderstorm Wind (MG53)
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A trained weather spotter measured a 61 MPH severe thunderstorm wind gust with a home weather station near Penwell. These



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					Killed	Injured	Property	Crops	

TEXAS, West

winds were responsible for overturning a tractor trailer on Interstate 20 at mile marker 102. The storm then propagated southeast toward the Pleasant Farms vicinity. Several weakly constructed homes were heavily damaged in Pleasant Farms. Winds associated with the storm were likely higher than indicated across the southeast portions of the county, where most of the damage was concentrated. Due to the light construction of the damaged structures, the sole measured wind gust is referenced here instead of a damage based estimate.

Ector County

Odessa

05	2325CST				0	0	0	0	Flash Flood
06	0100CST								

Flash flooding resulted in reports of "extensive" street flooding in the city of Odessa. Numerous city streets were impassable

Upton County

Rankin

06	0000CST				0	0	0	0	Thunderstorm Wind (EG57)
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The public reported winds estimated at 65 MPH in the city of Rankin as the severe thunderstorm previously responsible for damage in Ector County continued southeast across Upton County. These winds did not result in significant damage, but blew a trampoline a considerable distance.

In a near repeat of the previous day's severe weather activity, thunderstorms initiated along the higher terrain of West Texas and New Mexico. A thunderstorm near Alpine produced a ten minute duration tornado. More widespread severe weather affected the area during the late evening, and into the early morning hours of the 6th. For the second night in a row, a severe linear MCS took on a bow echo structure as it moved southeast across parts of Dawson and Martin Counties. In addition, a severe thunderstorm developed over the southern parts of Ector County, and resulted in damaging winds from Penwell to Pleasant Farms

Upton County

Rankin

07	1707CST				0	0	0	0	Hail(1.75)
	1720CST								

Reagan County

11 N Stiles

07	1755CST				0	0	0	0	Thunderstorm Wind (EG70)
	1815CST								

A trained storm spotter estimated severe thunderstorm winds of at least 80 MPH. The winds broke tree limbs up to eight inches in diameter.

Andrews County

Andrews

07	1822CST				0	0	0	0	Hail(0.88)
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Glasscock County

St Lawrence to Garden City

07	1840CST				0	0	0	0	Hail(1.75)
	1915CST								

Law enforcement officials reported large hail between quarter and golfball size from St. Lawrence to Garden City

Scurry County

Hermleigh

07	2210CST				0	0	0	0	Hail(1.75)
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The Snyder Fire Department reported golfball size hail in Hermleigh.

Severe thunderstorms developed in advance of a dryline across parts of the Permian Basin during the evening of the 7th. These storms resulted in large hail up to the size of golfballs and severe thunderstorm winds of 80 MPH.

Presidio County

Marfa to 1 E Marfa

08	1715CST				0	0	0	0	Hail(1.50)
	1723CST								

Multiple reports of hail ranging from nickel to ping pong ball size were received from the Marfa vicinity as an isolated severe thunderstorm affected the area.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
					Killed	Injured	Property		
TEXAS, West									
Terrell County									
5 W Dryden	09	1717CST			0	0	0	0	Hail(1.00)
Ward County									
Grandfalls	09	1810CST 1820CST			0	0	0	0	Hail(1.00)
Ward County									
Grandfalls	09	1815CST 1820CST			0	0	2K	0	Thunderstorm Wind (EG57)
A large tree was blown down. In addition, an empty but very large tank on the city's water tower was moved a small distance									
Pecos County									
Imperial	09	1840CST			0	0	0	0	Hail(1.25)
Pecos County									
3 N Ft Stockton	09	2015CST			0	0	0	0	Hail(0.75)
Reported on Highway 285.									
Ward County									
Monahans	09	2020CST			0	0	50K	0	Thunderstorm Wind (EG61)
Severe thunderstorm winds resulted in several roofs being blown off of businesses in Monahans, including the Boys and Girls Club. In addition, a new radio antenna tower which was installed by the city just nine months prior to the storm was blown down and destroyed.									
Brewster County									
16 NE Terlingua	09	2030CST			0	0	50K	0	Thunderstorm Wind (EG61)
Several structures at Terlingua Ranch sustained roof damage and a few barns were destroyed.									
Ector County									
8 W Odessa	09	2035CST			0	0	0	0	Thunderstorm Wind (MG60)
A severe thunderstorm wind gust of 69 MPH was measured by a trained spotter with a home weather station.									
Pecos County									
6 W Ft Stockton to Ft Stockton	09	2048CST			0	0	0	0	Hail(0.75)
Several reports of penny size hail were reported by spotters along Interstate 10 in Fort Stockton and west of the city.									
Pecos County									
6 W Ft Stockton to 11 W Ft Stockton	09	2050CST 2215CST			0	0	0	0	Flash Flood
Storm spotters reported flash flooding which resulted in high water flowing over Interstate 10 west of Fort Stockton. By late evening, two feet of water was reported flowing over the interstate service road eleven miles west of Fort Stockton									
Gaines County									
1 SW Seagraves	09	2105CST			0	0	0	0	Thunderstorm Wind (MG56)
Severe thunderstorm wind gust measured by the West Texas Mesonet.									
Midland County									
Midland Arpt to Midland	09	2117CST 2118CST			0	0	0	0	Thunderstorm Wind (MG50)
A severe thunderstorm wind gust was measured at the Midland International Airport ASOS. The general public estimated 65 MPH winds in northeast Midland. No significant damage was reported.									
Martin County									
Stanton	09	2125CST			0	0	0	0	Thunderstorm Wind (EG52)
Ector County									
Odessa	09	2130CST			0	0	35K	0	Lightning
A lightning strike sparked a fire which destroyed a home in Odessa, leaving a family homeless.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
Killed	Injured	Property							
TEXAS, West									
Midland County									
4 NW Spraberry	09	2130CST 2200CST			0	0	0	0	Thunderstorm Wind (EG61)
Large trees were blown down on Farm to Market Road 307.									
Dawson County									
Patricia	09	2138CST			0	0	0	0	Thunderstorm Wind (EG52)
Glasscock County									
3 W Garden City	09	2144CST			0	0	0	0	Thunderstorm Wind (EG61)
Law enforcement officials reported a car was blown off a rural road just north of Highway 158.									
Howard County									
Big Spring to Coahoma	09	2200CST 2215CST			0	0	0	0	Thunderstorm Wind (EG61)
Numerous reports of severe thunderstorm winds between 60 and 70 MPH were received from Big Spring to Coahoma. No significant reports of damage were received.									
Borden County									
16 SW Gail	09	2205CST 2210CST			0	0	0	0	Thunderstorm Wind (EG57)
A local farmer reported 65 MPH severe thunderstorm winds.									
Mitchell County									
9 W Colorado City	09	2215CST			0	0	0	0	Thunderstorm Wind (EG52)
Scurry County									
2 SW Knapp	09	2228CST			0	0	0	0	Thunderstorm Wind (EG52)
Glasscock County									
6 S Garden City	09	2240CST 2255CST			0	0	0	0	Flash Flood
Flash flooding resulted in over a foot of water crossing Highway 137 south of Garden City.									
Midland County									
Midland	09 10	2320CST 0015CST			0	0	0	0	Flash Flood
Local officials reported flash flooding from earlier heavy rain resulting in high water flowing over a bridge, and onto Highway 158 just south of Interstate 20.									
Severe thunderstorms which developed along the mountains of West Texas moved east across the Permian Basin through the evening hours. These storms evolved into a squall line which produced widespread severe weather, including damaging winds and hail. The most significant damage occurred in the Monahans vicinity.									
Terrell County									
21 NNE Sanderson	11	1200CST			0	0	0	0	Hail(3.00)
A rancher a few miles north of Farm to Market Road 2400 in rural parts of northwest Terrell County reported three inch hail stones as a supercell thunderstorm moved across rural sections of the county. The hail stones were reported to be sporadic									
Pecos County									
24 SSW Bakersfield	11	1559CST			0	0	0	0	Hail(1.00)
The public reported nickel to quarter size hail.									
Mitchell County									
2 ESE Cuthbert	11	1600CST			0	0	0	0	Hail(0.75)
Terrell County									
21 NNE Sanderson	11	1626CST 1640CST			0	0	0	0	Hail(1.75)
Golfball size hail was reported by a rancher a few miles north of Farm to Market Road 2400 in rural parts of northwest Terrell County. This was the second supercell thunderstorm to result in large hail at this rancher's location on the 11th. The first severe									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, West

thunderstorm impacted northwest Terrell County between four and five hours earlier with up to three inch hail, and is listed previously.

Scurry County **3 S Hermleigh**

11	1700CST				0	0	0	0	Hail(0.75)
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Severe thunderstorms developed just east of a dryline across the eastern Permian Basin and Lower Trans Pecos on the 11th. Two very intense supercell storms impacted parts of southeast Pecos and northwest Terrell Counties this day. The second storm became potentially tornadic as it moved southeast across central Terrell County, with very strong radar indications of tornadic activity. Two reports of large funnel clouds were received from spotters and the public. These funnels were observed at considerable distances from the storm as it tracked across remote rural areas. The witnesses could not confirm debris at the ground, or any other evidence of a tornado. Other severe thunderstorms developed further north along the dryline. These storms exhibited characteristics consistent with low precipitation supercells, and produced large hail

Glasscock County **5 SW St Lawrence**

13	1325CST 1420CST				0	0	0	0	Flash Flood
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Flash flooding resulted in high water covering several rural roadways in southwest Glasscock County. Farm to Market Road 1357 was impassable.

Mitchell County **14 S Colorado City**

13	1330CST 1400CST				0	0	0	0	Flash Flood
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Flash flooding resulted in high water flowing over County Road 337.

Midland County **26 ESE Midland Arpt**

13	1345CST 1420CST				0	0	0	0	Flash Flood
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Over three feet of water was reported flowing over the intersection of Farm to Market Roads 1357 and 1379 as a result of flash flooding.

Midland County **26 ESE Midland Arpt**

13	1345CST				0	0	0	0	Hail(1.75)
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Reported at the intersection of Farm to Market Roads 1357 and 1379.

Glasscock County **Garden City**

13	1400CST 1415CST				0	0	0	0	Hail(0.88)
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Upton County **Midkiff**

13	1412CST 1419CST				0	0	0	0	Hail(0.88)
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Howard County **1 S Big Spring**

13	1415CST				0	0	0	0	Hail(1.00)
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Howard County **Big Spring**

13	1425CST 1430CST				0	0	4K	0	Thunderstorm Wind (EG57)
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Ham radio spotters reported that severe thunderstorm winds blew down power lines and blew the roof off of a metal storage building on the northeast side of Big Spring.

Midland County **9 NE Midland**

13	1515CST 1520CST				0	0	0	0	Hail(1.75)
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Reported on County Road 1133.

Reagan County **11 NNW Stiles**

13	1515CST				0	0	0	0	Hail(0.88)
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Reported on Farm to Market Road 1357.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

June 2003									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, West</u>									
Dawson County									
8 NE Lamesa	13	1525CST			0	0	0	0	Hail(0.75)
Reported at the intersection of Highway 87 and Farm to Market Road 2411.									
Midland County									
Midland to Greenwood	13	1529CST 1600CST			0	0	25K	0	Hail(1.75)
Numerous reports of large hail ranging in size from quarters to golfballs were received from the north and east sides of the city of Midland. The swath of hail generally stretched east and southeast from the Wal-Mart store at Midland Drive and Loop 250 in Midland to Greenwood. No reports of significant damage were received, however, minor damage to vehicles and roofs likely occurred.									
Reagan County									
10 NW Texon	13	1630CST			0	0	0	0	Thunderstorm Wind (EG57)
Reported on Farm to Market Road 1558 just east of the Upton/Reagan County line.									
Dawson County									
Lamesa	13	1730CST			0	0	0	0	Hail(1.00)
Reported on the north side of the city.									
Crane County									
18 S Crane	13	1810CST 1830CST			0	0	5K	0	Thunderstorm Wind (EG57)
Severe thunderstorm winds at the Rio Pecos Power Plant resulted in damage to Power Unit #5.									
Pecos County									
Girvin	13	1831CST			0	0	0	0	Hail(0.88)
Pecos County									
Bakersfield	13	1850CST			0	0	0	0	Thunderstorm Wind (EG52)
Pecos County									
5 W Bakersfield	13	1905CST			0	0	0	0	Hail(1.75)
Reported on Interstate 10.									
Gaines County									
Seminole	13	1917CST 1919CST			0	0	0	0	Hail(0.88)
Andrews County									
Andrews	13	2146CST			0	0	0	0	Thunderstorm Wind (EG52)
Severe thunderstorms were widespread across the Permian Basin on the 13th. Numerous storms resulted in large hail and damaging thunderstorm winds. Flash flooding also resulted. A pair of supercell thunderstorms trained across northern Midland County. The second of these storms produced golfball hail over a large swath of the city of Midland. Other supercell thunderstorms resulted in hail up to the size of golfballs across southeast Midland County and Pecos County.									
Loving County									
4 SSW Red Bluff Res	14	2037CST			0	0	0	0	Hail(1.75)
An isolated and long lived low precipitation supercell moved south across the New Mexico state line and into West Texas. An NWS COOP observer reported golfball size hail near Red Bluff Lake on the Reeves/Loving County line									
Reeves County									
5 N Orla	14	2037CST			0	0	0	0	Hail(1.75)
Ward County									
3 SE Grandfalls	14	2143CST 2145CST			0	0	0	0	Thunderstorm Wind (EG52)
Ward County									
3 SE Grandfalls	14	2150CST			0	0	0	0	Hail(0.75)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, West

Pecos County

7 SW Imperial **14** **2200CST** **0** **0** **0** **0** **Thunderstorm Wind (EG52)**
A local deputy reported severe thunderstorm winds at the intersection of Farm to Market Roads 1450 and 1053.

A long-lived supercell thunderstorm moved south out of southeast New Mexico, and resulted in large hail across parts of the Upper Trans Pecos. As this storm weakened, additional severe thunderstorms developed along a line just south of Interstate 20. This line of storms moved south and resulted in severe thunderstorm winds and hail.

Loving County

4 N Mentone **20** **1645CST** **0** **0** **0** **0** **Hail(1.75)**

Reeves County

6 SE Orla **20** **1658CST** **0** **0** **0** **0** **Hail(0.88)**
Reported along Highway 285.

Jeff Davis County

Ft Davis **20** **1918CST**
1920CST **0** **0** **0** **0** **Hail(0.75)**

Gaines County

Higginbotham **20** **1925CST**
1937CST **0** **0** **0** **0** **Flash Flood**
A spotter reported flash flooding resulting in high water flowing in the city streets of Higginbotham.

Presidio County

20 WNW Marfa **20** **2000CST** **0** **0** **0** **0** **Thunderstorm Wind (MG62)**
A severe thunderstorm wind gust of 70 MPH was measured at a federal government facility in northern Presidio County.

Jeff Davis County

Ft Davis **20** **2025CST**
2115CST **0** **0** **0** **0** **Flash Flood**
The fire department reported flash flooding which resulted in high water flowing through several city streets in Fort Davis.

Presidio County

10 E Marfa **20** **2030CST** **0** **0** **15K** **0** **Thunderstorm Wind (EG61)**
A tractor-trailer carrying cattle was overturned by severe thunderstorm winds on Highway 67/90 one mile east of the Marfa Lights Viewing Area. Reports did not indicate the status of the cattle.

Severe thunderstorms affected parts of the Texas Big Bend, Trans Pecos, and western Permian Basin during the afternoon and evening of the 20th. Some of these storms resulted in large hail, damaging winds, and flash flooding.

Andrews County

3 SW Andrews **22** **1845CST** **0** **0** **0** **0** **Hail(1.75)**

Andrews County

3 W Andrews to Andrews **22** **1855CST**
1900CST **0** **0** **30K** **0** **Thunderstorm Wind (EG61)**
A very intense storm developed rapidly at the intersection of two outflow boundaries over Andrews County. The storm produced golfball size hail and an intense downburst which destroyed a barn just west of town, blew down power poles, and blew a large tree across a city street in town.

Ector County

Penwell **23** **1912CST** **0** **0** **0** **0** **Thunderstorm Wind (EG52)**
A few strong to severe thunderstorms developed over the western Permian Basin and Upper Trans Pecos region of West Texas during the afternoon and evening of the 23rd. One of these storms resulted in severe wind gusts in Ector County.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, West

Howard County

Big Spring	25	1923CST 1930CST			0	0	0	0	Hail(1.00)
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Several reports of large hail were received from Big Spring. Quarter size hail was reported near the airport on the west side of the city. Hail up to the size of pennies was reported in the downtown area.

Howard County

Big Spring	25	1925CST			0	0	2K	0	Thunderstorm Wind (EG57)
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A severe thunderstorm wind gust resulted in minor roof damage to a structure on the west side of Big Spring.

Glasscock County

13 SW St Lawrence to 6 W St Lawrence	25	2035CST 2130CST			0	0	0	0	Flash Flood
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Flash flooding caused areas of high water to run across Farm to Market Road 2401 from the county line to Highway 137.

Reagan County

21 NW Stiles	25	2035CST 2115CST			0	0	0	0	Flash Flood
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Spotters reported high water running across Farm to Market Road 2401 in the northwest corner of Reagan County.

Upton County

Midkiff to 1 E Midkiff	25	2035CST 2110CST			0	0	0	0	Flash Flood
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Flash flooding resulted in high water flowing down city streets in Midkiff.

Midland County

19 S Spraberry	25	2040CST 2120CST			0	0	0	0	Flash Flood
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Flash flooding washed out County Road 1090 near the Upton County line.

Strong to severe thunderstorms resulted in flash flooding across the central Permian Basin on the 25th. One storm became severe producing large hail and minor wind damage in Big Spring.

Reeves County

3 S Saragosa	26	1300CST 1315CST			0	0	0	0	Hail(0.75)
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The public reported penny size hail falling at a gas station along Interstate 10 for fifteen minutes.

Terrell County

28 NNE Dryden	26	1415CST			0	0	0	0	Thunderstorm Wind (EG52)
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Reported at the Terrell County Gas Plant.

Jeff Davis County

31 NNW Ft Davis	26	1435CST 1437CST			0	0	0	0	Hail(0.75)
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Reported by a rural resident.

An unseasonably strong cold front swept south across West Texas on the 26th. Severe thunderstorms developed near the front across the Davis Mountains and the Lower Trans Pecos. These storms resulted in large hail and severe thunderstorm winds.